

AMENDMENTS TO THE CLAIMS

Claims pending

- At time of the Action: Claims 1-79
- After this Response: Claims 1, 2-5, 7-13 and 15-79.

Currently Amended claims: claims 1, 2, 4, 5, 7-12, 16, 17, 22, 23, 25-36, 38, 39, 43, 44, 48, 49, 50, 53, 54, 56, 59, 60, 64, 65, 66, 71, 73, and 74.

Canceled Claims: claims 6 and 14.

1. (Currently Amended) A computer-readable storage medium encoded with a data structure for use in an image file to store data, the data structure comprising:

a data portion comprising:

first still image data related to a first multimedia stream of multimedia data, wherein the first still image data represents at least a first pixel format;
[[and]]

first arbitrary data related to a second multimedia stream of multimedia data, wherein the second multimedia stream comprises second still image data, and wherein the second image data represents at least a second pixel format; and
a header portion comprising:

a first header object comprising information related to the first multimedia stream; and

a second header object comprising information related to the second data multimedia stream.

2. (Currently Amended) The computer-readable medium of claim 1, wherein ~~the second multimedia stream comprises second image data~~, the first and second image data ~~providing~~ provide different representations of a single image.

3. (Original) The computer-readable medium of claim 1, wherein the data portion includes data related to three or more multimedia streams.

4. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein the first still image data and ~~the~~ second still image data comprise compressed and uncompressed image data, respectively.

5. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein the first still image data is derived from a first camera setting and the second still image data is derived from a second camera setting.

6. (Canceled).

7. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein ~~the first image data represents the single image having a first pixel format, and~~ the second still image data represents the single image having a second pixel format different from the first pixel format, wherein a pixel format includes one or more components, component ordering, and component numeric formats.

8. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein the first still image data is further derived using a first color space and second still image data is further derived from a second color space.

9. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein the first still image data is further derived using a first color context and second still image data is further derived from a second color context.

10. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein the first still image data further represents the single image having a first field of view, and the second still image data further represents the single image having a second field of view.

11. (Currently Amended) The computer-readable medium of claim [[2]] 1, wherein the first still image data comprises raw image sensor data.

12. (Currently Amended) The computer-readable medium of claim 1, wherein the second multimedia stream includes data representing an annotation of an image represented by the first still image data.

13. (Original) The computer-readable medium of claim 12, wherein the second multimedia stream comprises audio data.

14. (Canceled).

15. (Original) The computer-readable medium of claim 1, wherein the second multimedia stream comprises an executable component.

16. (Currently Amended) The computer-readable medium of claim 1, wherein the second multimedia stream comprises second still image data, wherein data from the first still image data and data from the second still image data to be combined to represent an image that is larger than individual images represented by the first and second still image data.

17. (Currently Amended) The computer-readable medium of claim 1, wherein the second multimedia stream comprises second still image data, wherein data from the first still image data and data from the second still image data to be combined to represent an image that is of higher quality than individual images represented by the first and second still image data.

18. (Original) The computer-readable medium of claim 1, wherein the data structure further comprises metadata.

19. (Original) The computer-readable medium of claim 1, wherein the data structure further comprises an index portion to contain information related to a location of data stored in the data portion.

20. (Original) The computer-readable medium of claim 1, wherein data stored in the data portion is encrypted.

21. (Original) The computer-readable medium of claim 1, wherein the header portion further comprises digital rights management information.

22. (Currently Amended) The computer-readable medium of claim 21, wherein the digital rights management information contains information related to obtaining a license to access the first still image data.

23. (Currently Amended) The computer-readable medium of claim 21, wherein the digital rights management information contains information related to obtaining a license to verify the authenticity of the first still image data.

24. (Original) The computer-readable medium of claim 1, wherein the multimedia data structure is compatible with advanced systems format (ASF).

25. (Currently Amended) The computer-readable medium of claim 1, wherein the second multimedia stream further comprises ~~image~~, audio, video, graphics, text, date and time, location, web links, or animation data.

26. (Currently Amended) A method for forming an image container file for storing data associated with one or more multimedia streams, comprising:

collecting still image data;

forming a first multimedia stream in the image container file, the first multimedia stream including a first still image data derived from the collected image data and a first header object having information related to the first still image data, wherein the first still image data represents at least a first pixel format;

collecting arbitrary data associated with the collected image data; and

forming a second multimedia stream in the image container file, the second multimedia stream including first arbitrary data derived from the collected arbitrary data, wherein the first arbitrary data comprises second image data where the second image data represents at least a second pixel format, and a second header object having information related to the first arbitrary data.

27. (Currently Amended) The method of claim 26, wherein ~~the first arbitrary data comprises second image data~~; the first and second image data providing provide different representations of a single image.

28. (Currently Amended) The method of claim ~~[[27]]~~ 26, wherein the first and second still image data comprise compressed and uncompressed image data, respectively.

29. (Currently Amended) The method of claim [[27]] 26, wherein the first still image data is derived from a first camera setting and the second still image data is derived from a second camera setting.

30. (Currently Amended) The method of claim [[27]] 26, wherein the first still image data further represents the single image having a first pixel resolution, and the second still image data further represents the single image having a second pixel resolution different from the first pixel resolution.

31. (Currently Amended) The method of claim [[27]] 26, wherein the ~~first image data represents the single image having a first pixel format, and~~ the second still image data represents the single image having a second pixel format different from the first pixel format.

32. (Currently Amended) The method of claim [[27]] 26, wherein the first still image data is further derived using a first color space and second still image data is further derived from a second color space.

33. (Currently Amended) The method of claim [[27]] 26, wherein the first still image data is further derived using a first color context and second still image data is further derived from a second color context.

34. (Currently Amended) The method of claim 26, wherein the first still image data comprises raw image sensor data.

35. (Currently Amended) The method of claim 26, wherein the first arbitrary data comprises data representing an annotation of an image represented by the first still image data.

36. (Currently Amended) The method of claim 35, wherein the first arbitrary data comprises audio, video, graphics, text, date and time, location, web links, or animation data.

37. (Original) The method of claim 26, wherein the first arbitrary data comprises an executable component.

38. (Currently Amended) The method of claim 26, wherein the first arbitrary data comprises second still image data, wherein data from the first still image data and data from the second still image data to be combined to represent an image that is larger than individual images represented by the first and second still image data.

39. (Currently Amended) The method of claim 26, wherein the first arbitrary data comprises second still image data, wherein data from the first still image data and data from the second still image data to be combined to represent an image that is of higher quality than individual images represented by the first and second still image data.

40. (Original) The method of claim 26, further comprising adding metadata to the image container file.

41. (Original) The method of claim 26, further comprising forming an index portion to contain information related to a location of data stored in the image container file.

42. (Original) The method of claim 26, further comprising storing digital rights management information in the image container file.

43. (Currently Amended) The method of claim 42, wherein the digital rights management information contains information related to obtaining a license to access the first still image data.

44. (Currently Amended) The method of claim 42, wherein the digital rights management information contains information related to verifying the authenticity the first still image data.

45. (Original) The method of claim 26, wherein the image file container contains encrypted data.

46. (Original) The method of claim 26, wherein the multimedia data structure is compatible with advanced systems format (ASF).

47. (Original) The method of claim 26, further comprising forming a plurality of multimedia streams in the image container file, the plurality of multimedia streams including the second multimedia stream, wherein another multimedia stream in the plurality of multimedia streams includes second arbitrary data and a third header object having information related to the second arbitrary data.

48. (Currently Amended) A system for storing image data, the system comprising:

an image data receiver; and

an image file generator to form an image container file to store image data, the image container file having a plurality of multimedia streams, the plurality of multimedia streams including a first multimedia stream and a second multimedia stream, wherein the first multimedia stream to include first still image data derived from image data received by the image data receiver, and the second multimedia stream to include arbitrary data.

49. (Currently Amended) The system of claim 48, wherein the arbitrary data comprises second still image data, the first and second still image data providing different representations of a single image.

50. (Currently Amended) The system of claim 48, wherein the arbitrary data comprises data representing an annotation of an image represented by the first still image data.

51. (Original) The system of claim 50, wherein the arbitrary data comprises audio, video, graphics, text, date and time, location, web links, or animation data.

52. (Original) The system of claim 48, wherein the arbitrary data comprises an executable component.

53. (Currently Amended) The system of claim 48, wherein the arbitrary data comprises second still image data, wherein data from the first still image data and data from the second still image data to be combined to represent an image that is larger than individual images represented by the first and second still image data.

54. (Currently Amended) The system of claim 48, wherein the arbitrary data comprises second still image data, wherein data from the first still image data and data from the second still image data to be combined to represent an image that is of higher quality than individual images represented by the first and second still image data.

55. (Original) The system of claim 48, wherein the image file generator is further to add metadata to the image container file.

56. (Currently Amended) The system of claim 48, wherein the image file generator is further to add index information related to locations of first still image data and the first arbitrary data within the image container file.

57. (Original) The system of claim 48, wherein the image container file contains encrypted data.

58. (Original) The system of claim 48, wherein the image file generator is further to store digital rights management information in the image container file.

59. (Currently Amended) The system of claim 58, wherein the digital rights management information contains information related to obtaining a license to access the first still image data.

60. (Currently Amended) The system of claim 58, wherein the digital rights management information contains information related to verifying the authenticity of the first still image data.

61. (Original) The system of claim 48, wherein the image container file can be accessed using a multimedia viewer.

62. (Original) The system of claim 61, wherein the multimedia viewer comprises a viewer that can view advanced systems format (ASF) files.

63. (Original) A computer-readable medium having components as recited in claim 48.

64. (Currently Amended) A system comprising:

means for collecting image data; and

means for generating an image container file to store image data, the image container file including a plurality of multimedia streams, the plurality of multimedia streams including a first multimedia stream and a second multimedia stream, wherein the first multimedia stream includes first still image data derived from image data received by the image data receiver, and the second multimedia stream includes arbitrary data.

65. (Currently Amended) The system of claim 64, wherein the arbitrary data comprises second still image data, the first and second still image data providing different representations of a single image.

66. (Currently Amended) The system of claim 64, wherein the arbitrary data comprises data representing an annotation of an image represented by the first still image data.

67. (Original) The system of claim 66, wherein the arbitrary data comprises audio, video, graphics, text, date and time, location, web links, or animation data.

68. (Original) The system of claim 64, wherein the means for generating selectively encrypts data contained in the image container file.

69. (Original) The system of claim 64, wherein the arbitrary data comprises an executable component.

70. (Original) The system of claim 64, wherein the means for generating includes means for adding metadata to the image container file.

71. (Currently Amended) The system of claim 64, wherein the means for generating includes means for storing index information related to locations of the first still image data and the first arbitrary data within the image container file.

72. (Original) The system of claim 64, further comprising means for storing digital rights management information in the image container file.

73. (Currently Amended) The system of claim 72, wherein the digital rights management information contains information related to obtaining a license to access the first still image data.

74. (Currently Amended) The system of claim 72, wherein the digital rights management information contains information related to verifying the authenticity of the first still image data.

75. (Original) A computer-readable medium having components as recited in claim 64.

76. (Previously Presented) The computer-readable medium of claim 5, wherein the camera settings comprise exposure settings.

77. (Previously Presented) The computer-readable medium of claim 5, wherein the camera settings comprise white balance settings.

78. (Previously Presented) The method of claim 29, wherein the camera settings comprise exposure settings.

79. (Previously Presented) The method of claim 29, wherein the camera settings comprise white balance settings.